

Tennessee Pollution Prevention Partnership Success Story



Delta Faucet Co. of Tennessee
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Eliminating Degreaser Saves Water and Energy

The Member

Delta Faucet Co. started up production in its Jackson (Tenn.) facility in August 1995. The operation started with less than 50 people working one shift. The facility currently employs 700 associates that are working three shifts. The Jackson facility reached milestones (internal production goals set for the facility) of one million and five million faucets produced within its first five years of production.

The Story

In 2004, Delta Faucet published a success story titled "Turn Down the Heat". This story documented the savings and reductions gained by Delta Faucet in the "degreasing process". As part of Delta Faucet's lean journey, a goal was set to eliminate the need for the "production monument" called the Degreaser. The degreaser was shut down and locked on September 18, 2007. Delta Faucet researched and helped develop individual parts washers that are placed near the point of generation for the dirty parts. This change allowed the cleaning parts to be one pan at a time versus 10-16 pans.

The Success

Today the point of generation cleaning reduces the energy consumption, reduced the inventory of parts (WIP), improves lead time to customers, reduced the floor space consumption and material handling.

The Pollution Prevented

By eliminating the degreaser, Delta Faucet saved \$225,000.00 per year, reducing the water usage by 1.4 million gallons per year and the natural gas usage by 56,000,000 cubic feet per year. In addition, the new degreasing process also increased the quality of the cleaned parts.

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